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(54) **FABRIC BASE FOR NON-COATED AIR BAG
AND AIR BAG**

(57) Abstract:

PURPOSE: To produce a base fabric for non-coated air bags, which is constituted with the weaving yarns containing filaments having a non-round cross section of a specific filament modification degree, where the non-round cross section of the filament is deformed at the crossing points of fabrics, and as a result, the warp yarn and the weft yarn bite each other to reduce air permeability, markedly increased in the prevention of weaving texture fluctuation and sufficient in

mechanical properties.

CONSTITUTION: This base fabric is constituted with a yarn containing filaments each having a non-round cross section with 1.2-1.5 modification degree, where the yarns constituting the fabric bite each other at the crossing points of fabrics to markedly increase the prevention of weaving texture fluctuation. When the fabric is press-treated, the fabric texture is densified to further lower its air permeability and improve the interlacing properties between filaments or yarns having modified cross sections.

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